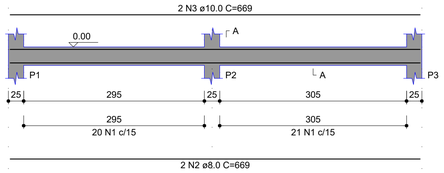
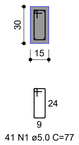
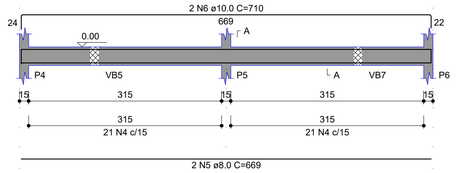
VB1 (15 x 30)
ESC 1:50



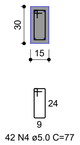
SEÇÃO A-A
ESC 1:25



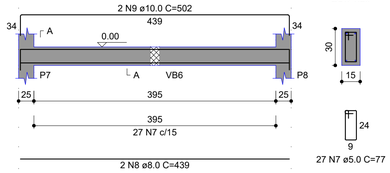
VB2 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

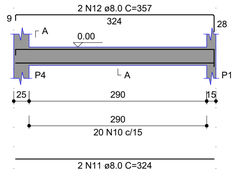


VB3 (15 x 30)
ESC 1:50

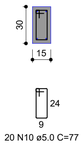


SEÇÃO A-A
ESC 1:25

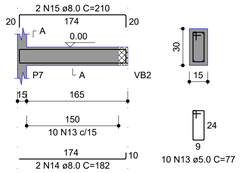
VB4 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

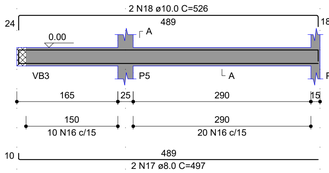


VB5 (15 x 30)
ESC 1:50

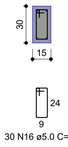


SEÇÃO A-A
ESC 1:25

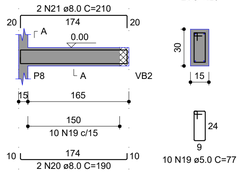
VB6 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

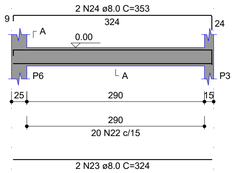


VB7 (15 x 30)
ESC 1:50

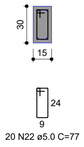


SEÇÃO A-A
ESC 1:25

VB8 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

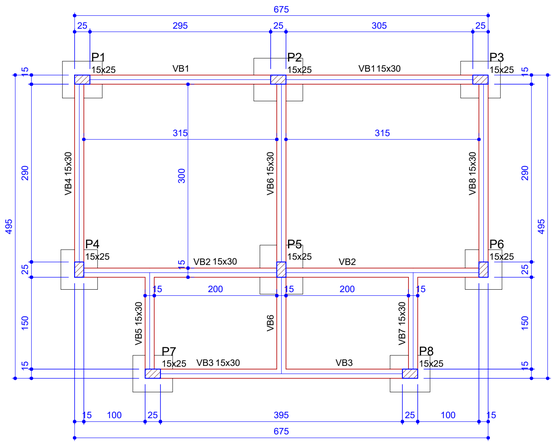
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB1	CA60	1	5.0	41	77	3157
	CA50	2	8.0	2	669	1338
	CA50	3	10.0	2	669	1338
VB2	CA60	4	5.0	42	77	3234
	CA50	5	8.0	2	669	1338
	CA50	6	10.0	2	710	1420
VB3	CA60	7	5.0	27	77	2079
	CA50	8	8.0	2	439	878
	CA50	9	10.0	2	502	1004
VB4	CA60	10	5.0	20	77	1540
	CA50	11	8.0	2	324	648
	CA50	12	8.0	2	357	714
VB5	CA60	13	5.0	10	77	770
	CA50	14	8.0	2	182	364
	CA50	15	8.0	2	210	420
VB6	CA60	16	5.0	30	77	2310
	CA50	17	8.0	2	497	994
	CA50	18	10.0	2	526	1052
VB7	CA60	19	5.0	10	77	770
	CA50	20	8.0	2	190	380
	CA50	21	8.0	2	210	420
VB8	CA60	22	5.0	20	77	1540
	CA50	23	8.0	2	324	648
	CA50	24	8.0	2	353	706

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	88.5	34.9
	10.0	48.1	29.7
CA60	5.0	154	23.7

PESO TOTAL (kg)	
CA50	64.6
CA60	23.7

Volume de concreto (C-25) = 1.49 m³
Área de forma = 24.83 m²



01 FORMA DO PAVIMENTO BALDRAME (NÍVEL 0.00)
ESCALA: 1:50

Vigas			
Nome	Seção (cm)	Elevação (m)	Nível (m)
VB1	15x30	0.00	0.00
VB2	15x30	0.00	0.00
VB3	15x30	0.00	0.00
VB4	15x30	0.00	0.00
VB5	15x30	0.00	0.00
VB6	15x30	0.00	0.00
VB7	15x30	0.00	0.00
VB8	15x30	0.00	0.00

Características dos materiais

fck (MPa)	Ecs (MPa)
25	24150

Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (m)	Nível (m)
P1	15x25	0.00	0.00
P2	15x25	0.00	0.00
P3	15x25	0.00	0.00
P4	15x25	0.00	0.00
P5	15x25	0.00	0.00
P6	15x25	0.00	0.00
P7	15x25	0.00	0.00
P8	15x25	0.00	0.00

Legenda dos pilares
Pilar que passa

Legenda das vigas
Viga

PROJETO APROVADO
Prefeitura Municipal de Rondolândia - MT
Responsável
Data 18/03/21
JANETE PIOVESAN NUNES
Responsável Técnica
Engenheira Civil CREA: 9742059/D
Visto nº 2019031428
Decreto nº 1.172/2019 CAS/PMR/2021

MINISTÉRIO DA DEFESA	ANO:	TIPO:	FOLHA:	MODIFICAÇÕES:
P C N — Programa Calha Norte	2020	EST	03/05	A 04/01/2021
				B
CONVENIENTE: PREFEITURA MUNICIPAL DE RONDOLÂNDIA CNPJ: 04.221.486/0001-49	LOCAL: RUA PADRE EZEQUIEL RAMIM E RUA MANUEL DE OLIVEIRA GUEDES ENTRE A AV. ANDRE MAGGI E AV. JOANA ALVES			C
OBRA: CONSTRUÇÃO DE QUADRA COBERTA COM ARQUIBANCADA E VESTIÁRIOS VIGAS BALDRAME; FORMA BALDRAME		ÁREAS: CONFORME PROJETO ARQUITETÔNICO		D
				E
				F
AUTOR: Leonardo Martins Carvalho, Engenheiro Civil, CREA-MT 036.754	DESENHO: LEONARDO MARTINS		DATA: 02/04/2020	G
VISTO — PREFEITO MUNICIPAL:			DIM: METRO	H
VISTO — AUTOR:			ESCALA: INDICADA	I